

DECORAL SYSTEM SRL

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TOOLS cal Docur ests

MRK-012-0046R2





- 2. Product features
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FILM XXXX/YY F1

Heat-transfer films for IR technology ovens

Information:

1. Carriers for sublimatic inks

3. Product advantages

Thermoforming carrier for IR technology ovens



1. Types of carrier for sublimatic inks

Heat-transfer technology requires sublimatic inks to be temporarily laid on a *carrier*; from here, they are subsequently transferred, through heat, into a layer of special powder-coating material.

Inks are sublimated while tightly in touch with the surface that must be decorated; this way, they are diffused in gas phase into another kind of material.

Every type of carrier has physical characteristics that make it particularly suitable to certain kinds of applications and usage.

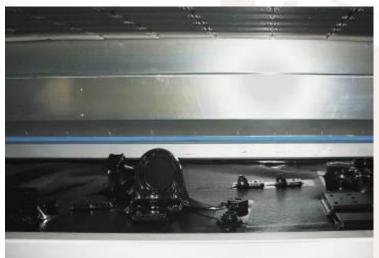
2. Product features

The carrier *flock* is made from a special thermoforming material that increases its plasticity with heat; it is especially suitable to usage with IR technology ovens.

3. Product advantages

Thanks to its special composition and thermo-mechanical properties, this carrier is recommended for the decoration of embossed doors, tridimensional objects, and all those applications where the adaptability of the heat-transfer film on a an irregular surface is mostly important for the result of the decoration.

Besides, its composition makes it a fine kind of carrier for those who make use of IR technology.





Various tridimensional objects with flock carrier inside the oven

Tridimensional object

4. Typical usage

- Irregular surfaces;
- Tridimensional objects.



Flock film applied on a window

5. Technical data

| Product code | X |
|-------------------------|----|
| Material | A |
| Curing cycle | 19 |
| Thickness | 18 |
| Char acteristics | TI |
| Width | 14 |
| Length | 7(|
| Storage conditions | K |
| | te |

Attention: it is recommended to check the availability of decorations with this kind of carrier



A detail of the result

XXX-YY-F5-143

-PET amorphous PET flock film

.90-210°C

.80µm

hermoforming, suitable for IR technology

.430 mm

'0 m

Keep away from heat and direct sunlight; emperature: 20-25°C; relative humidity: 50%.